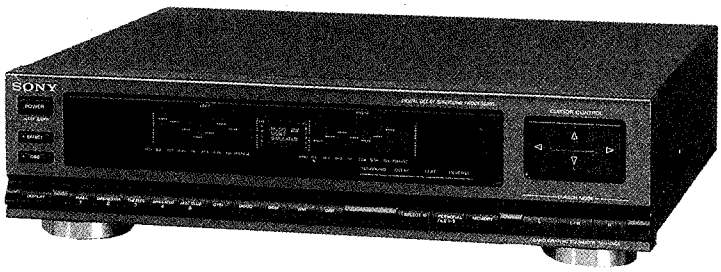
SEQ-D705

SERVICE MANUAL

AEP Model
UK Model
E Model
Australian Model



SPECIFICATION

Input	LINE IN: Phono jacks, 245 mV (−10 dB), 50 kohms
Output	LINE OUT: Phono jacks, 245 mV (−10 dB), Load impedance: more than 10 kohms
Graphic equalizer	Boost/cut range: ± 10 dB Center frequencies: 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 15 kHz
Frequency response (with EQUALIZATION OFF)	LINE IN: 20 Hz to 50 kHz, $^{+0}_{-1.5}$ dB
Harmonic distortion	LINE IN: Less than 0.02 % (at 1kHz, 1V output)
Signal-to-noise ratio (with EQUALIZATION OFF)	LINE IN: Better than 90 dB (A network, 1V output)
Power requirements	AEP, Germany, Italian model: 220—230V AC, 50/60Hz UK, model: 240V AC, 50/60Hz E, Saudi Arabia, Australian model: 110—120V or 220—240V AC adjustable, 50/60Hz
Power consumption	15 W
AC outlet	100 W max. unswitched
Dimensions	Approx. 355 × 94.5 × 313.5 mm (w/h/d) (14 × 3³/₄ × 12³/₈ inches)
Weight	Approx. 2.7 kg (5 lb 15 oz)
Accessories supplied	Connecting cords (2)

Design and specifications subject to change without notice.

Note
This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

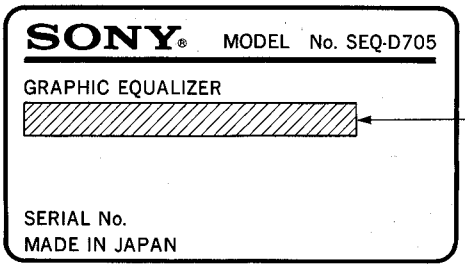
MICROFILM

GRAPHIC EQUALIZER

SONY®

MODEL IDENTIFICATION

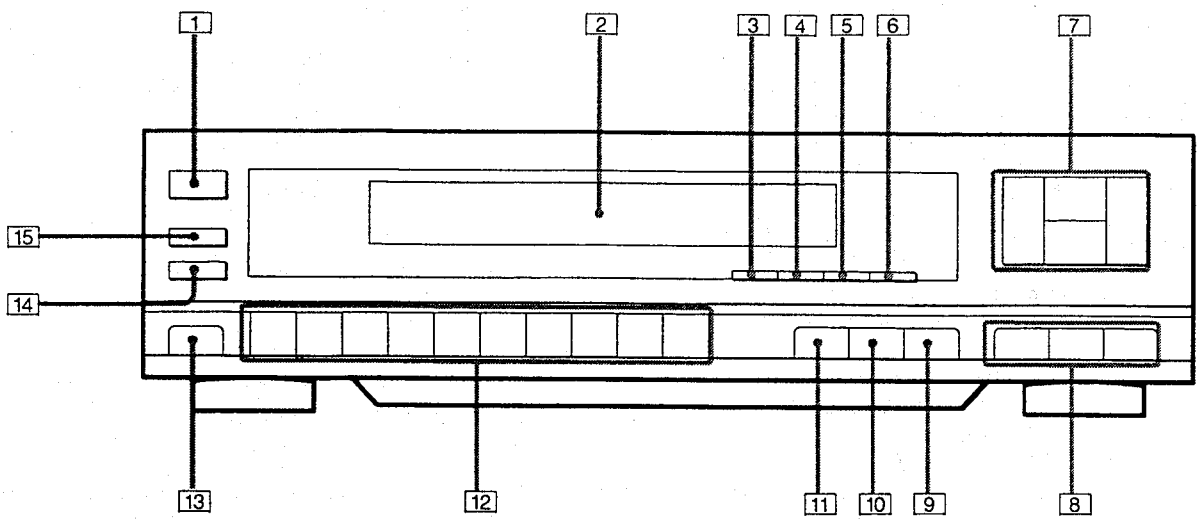
—Specification Label—



AEP, Germany, Italian model: AC: 220V—230V~50/60Hz
UK model: AC: 240V~50/60Hz
E, Saudi Arabia, Australian model: AC: 110—120V/220—240V~15W 50/60Hz

SECTION 1
GENERAL

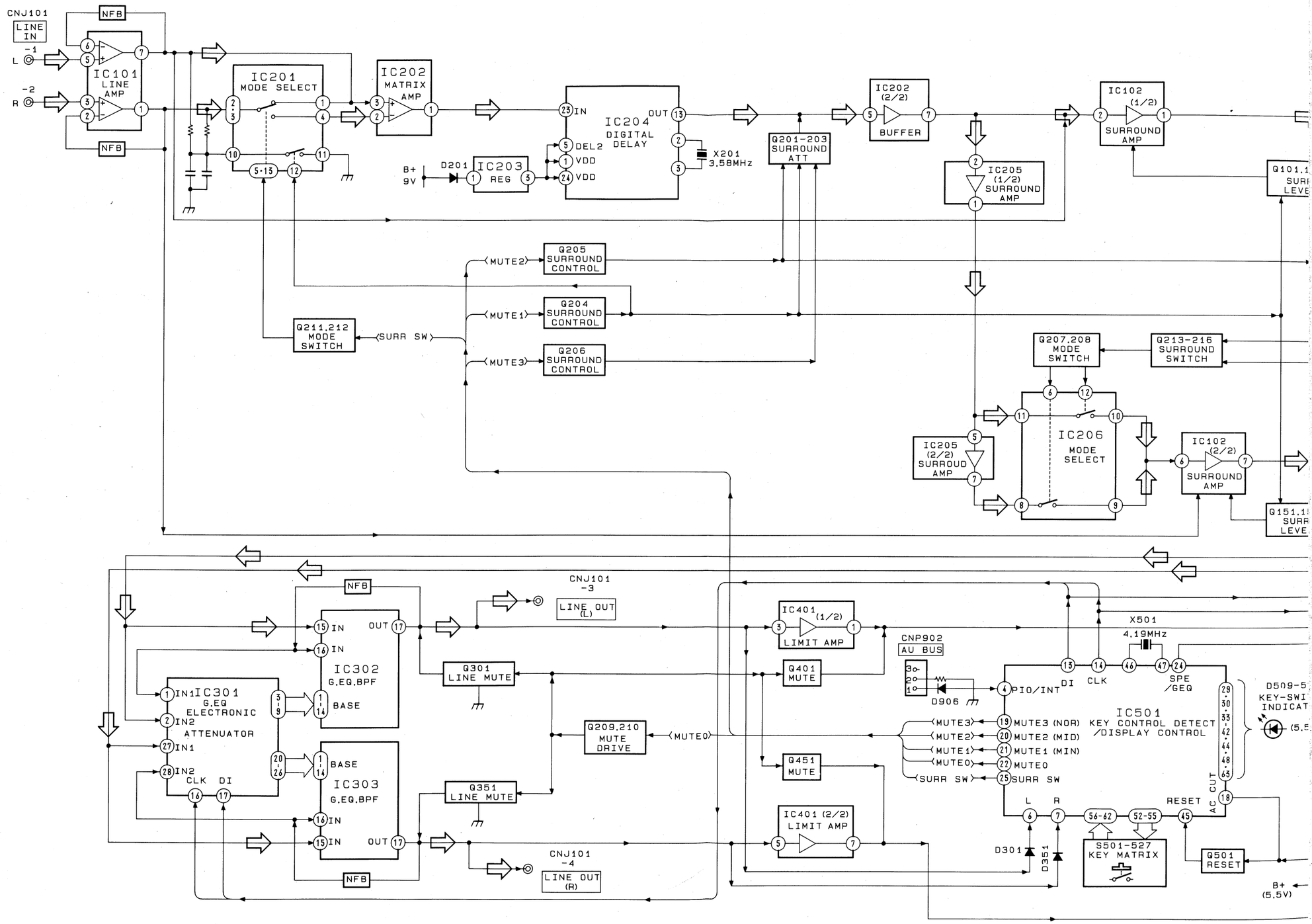
1-1. LOCATION OF CONTROLS

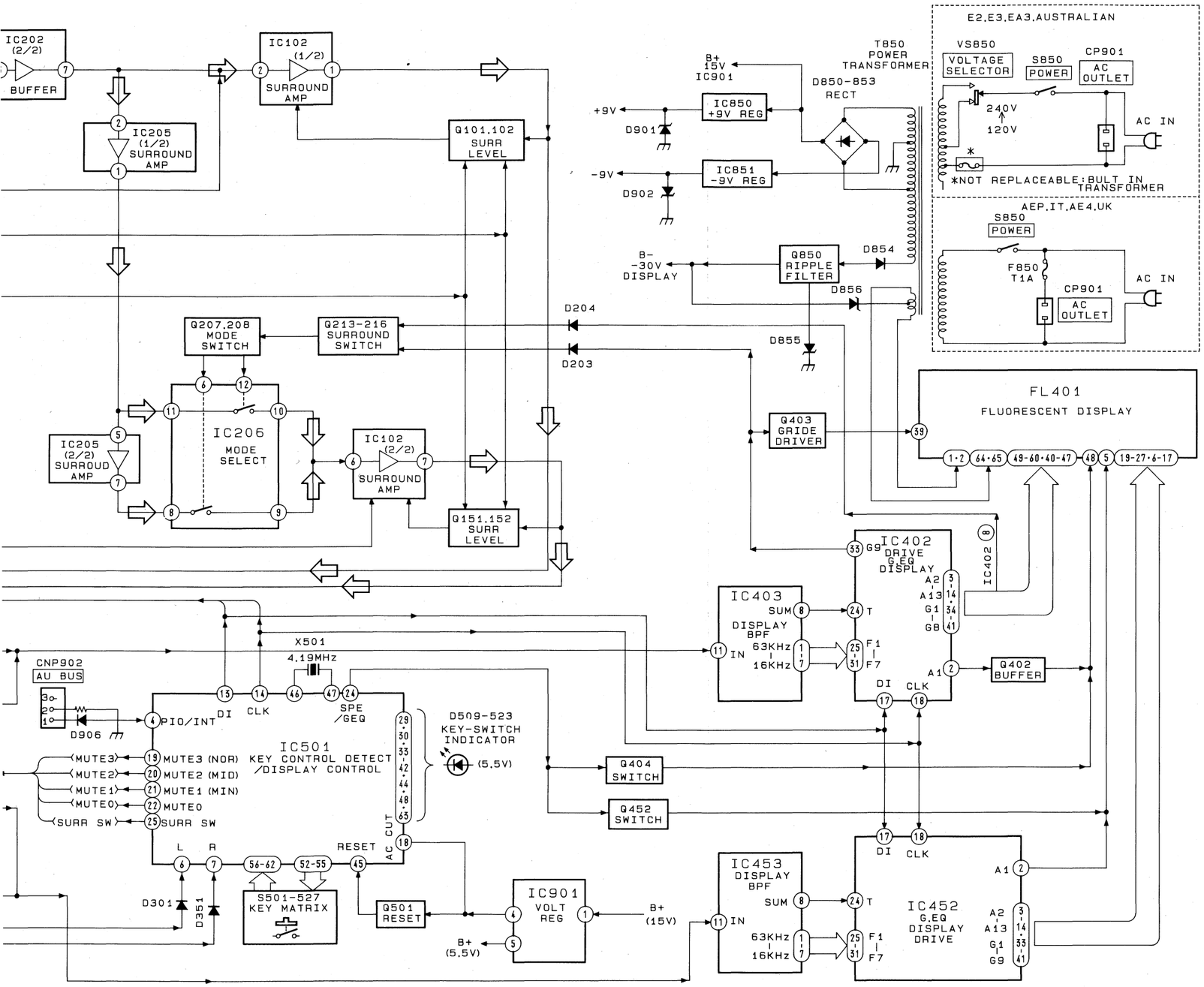


1 POWER switch
2 Display window
3 SURROUND button
4 DELAY button
5 FLAT button
6 REVERSE button
7 CURSOR CONTROL buttons
8 L/L+R/R buttons
9 MEMORY button and indicator
10 PERSONAL FILE 1 – 5 button and indicator
11 SELECT 10 button and indicator
12 Numeric buttons and indicators
13 DISPLAY button
14 DSC (Dynamic Sound Control) button and indicator
15 EFFECT button and indicator

SECTION 2
DIAGRAMS

2-1. BLOCK DIAGRAM

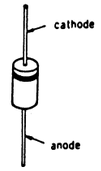



IC202 (2/2) BUFFER
IC102 (1/2) SURROUND AMP
IC205 (1/2) SURROUND AMP
Q101,102 SURR LEVEL
IC205 (2/2) SURROUD AMP
IC206 MODE SELECT
IC102 (2/2) SURROUND AMP
Q151,152 SURR LEVEL
Q207,208 MODE SWITCH
Q213-216 SURROUND SWITCH
D204
D203
B+ 15V IC901
T850 POWER TRANSFORMER
D850-853 RECT
+9V
D901
IC850 +9V REG
-9V
D902
IC851 -9V REG
B- -30V DISPLAY
Q850 RIPPLE FILTER
D854
D856
D855
E2,E3,EA3,AUSTRALIAN
VS850 VOLTAGE SELECTOR
S850 POWER
CP901 AC OUTLET
240V
120V
AC IN
*NOT REPLACEABLE;BULT IN TRANSFORMER
AEP,IT,AE4,UK
S850 POWER
F850 T1A
CP901 AC OUTLET
AC IN
FL401 FLUORESCENT DISPLAY
Q403 GRIDE DRIVER
IC402 DRIVE G,EQ DISPLAY
IC402
IC403 DISPLAY BPF
SUM
IN
63KHz 16KHz
Q402 BUFFER
X501 4.19MHz
CNP902 AU BUS
D906
PIO/INT
DI
CLK
SPE /GEQ
IC501 KEY CONTROL DETECT /DISPLAY CONTROL
MUTE3
MUTE2
MUTE1
MUTE0
SURR SW
MUTE3 (NOR)
MUTE2 (MID)
MUTE1 (MIN)
MUTE0
SURR SW
D509-523 KEY-SWITCH INDICATOR
(5.5V)
AC CUT
RESET
L
R
D301
D351
S501-527 KEY MATRIX
Q501 RESET
IC901 VOLT REG
B+ (5.5V)
B+ (15V)
Q404 SWITCH
Q452 SWITCH
IC453 DISPLAY BPF
IC452 G,EQ DISPLAY DRIVE

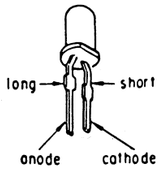
2-2. SEMICONDUCTOR LEAD LAYOUTS

DTA114ES
DTC114ES
2SC2603-EF

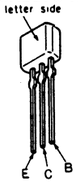
UZP6.8BC



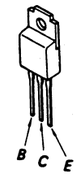
SEL2210S-C



2SA1175-HFE

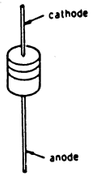


2SB1094



2SC3623A-LK

HZS6A1L
HZS6B1L
HZS30-2L
UZL-7M1
1SS120
11ES2



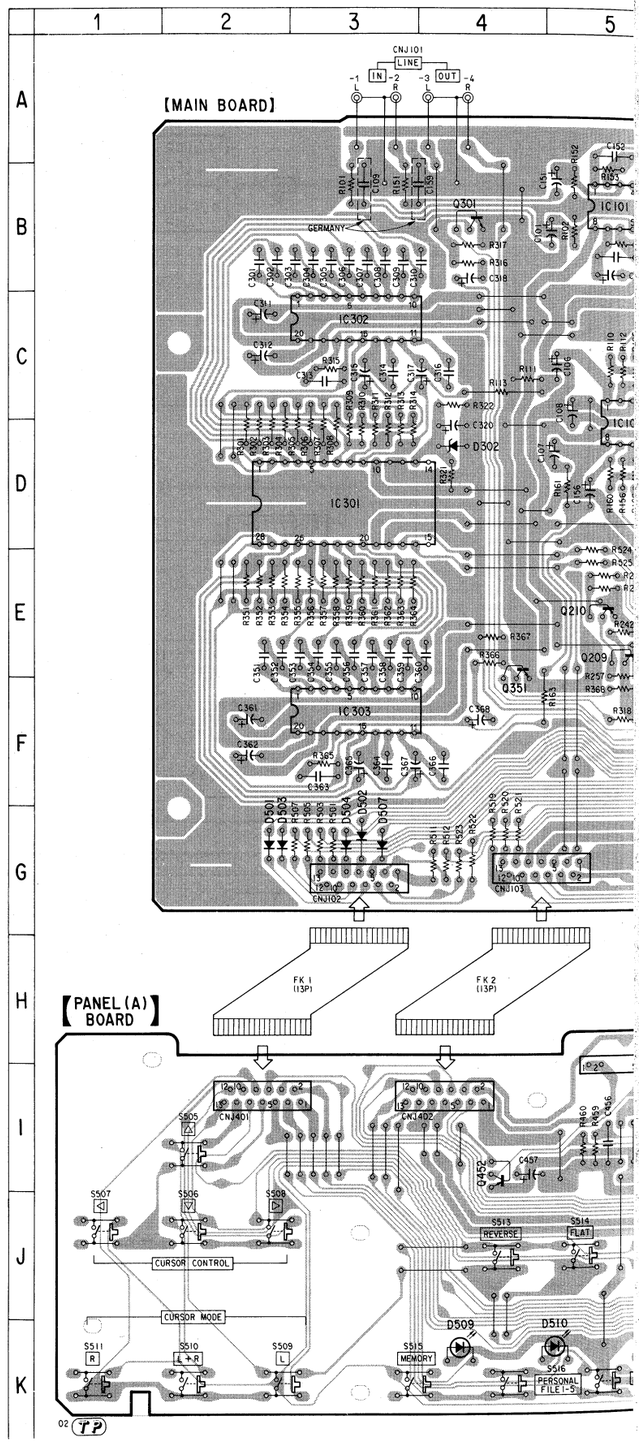
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D201	B-8	IC201	B-6
D202	G-9	IC202	B-7
D203	G-8	IC203	B-10
D204	G-10	IC204	C-10
D301	F-5	IC205	C-7
D302	D-4	IC206	D-7
D351	F-6	IC301	D-3
D401	E-7	IC302	C-3
D402	E-7	IC303	F-3
D451	F-7	IC401	E-7
D452	F-7	IC402	I-10
D501	G-2	IC403	J-11
D502	G-3	IC452	I-6
D503	G-2	IC453	J-7
D504	G-3	IC501	E-9
D505	F-9	IC850	F-13
D506	F-9	IC851	F-14
D507	G-3	IC901	A-11
D508	F-9		
D509	K-4	Q101	C-6
D510	K-5	Q102	C-6
D511	J-13	Q151	D-6
D512	J-12	Q152	D-6
D513	J-11	Q201	D-9
D514	J-11	Q202	D-10
D515	J-10	Q203	D-8
D516	J-9	Q204	D-10
D517	J-9	Q205	D-9
D518	J-8	Q206	D-9
D519	J-7	Q207	D-7
D520	J-7	Q208	D-7
D521	K-5	Q209	E-5
D522	I-15	Q210	E-5
D523	J-15	Q211	C-7
D850	F-14	Q212	C-7
D851	F-14	Q213	G-9
D852	F-14	Q214	G-8
D853	F-14	Q215	G-9
D854	F-15	Q216	G-8
D855	E-15	Q301	B-4
D856	F-12	Q351	F-4
D901	C-8	Q401	E-6
D902	C-8	Q402	J-10
D903	B-10	Q403	J-9
D904	B-10	Q404	J-9
D905	E-11	Q451	F-7
D906	E-8	Q452	I-4
		Q501	F-10
IC101	B-5	Q850	G-15
IC102	D-5		

Note:

- ○—— : parts extracted from the component side.
- ▒▒▒ : Pattern on the side which is seen.
- IT: Italian model
- EA3: Saudi Arabia model

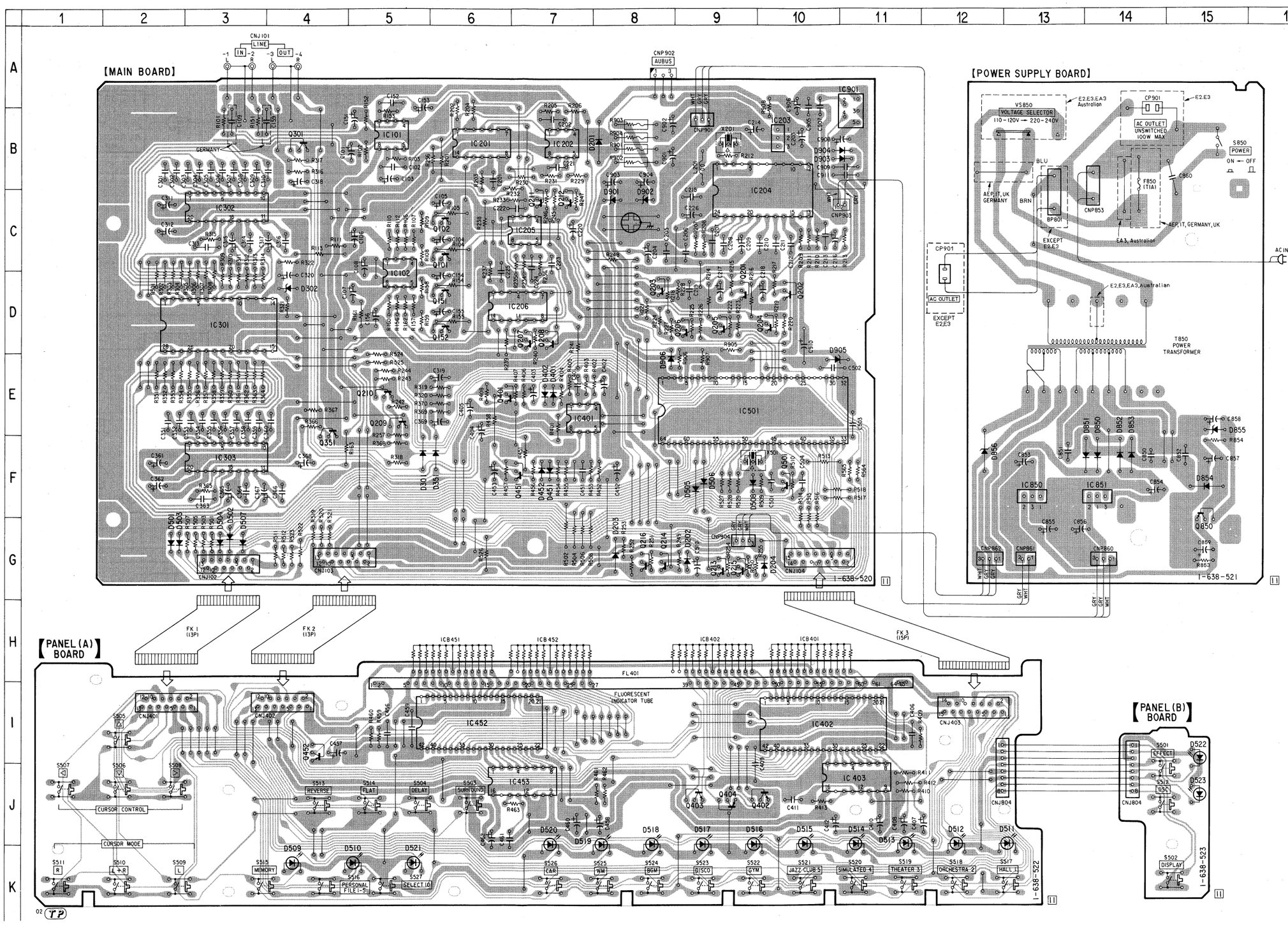
2-3. PRINTED WIRING BOARDS



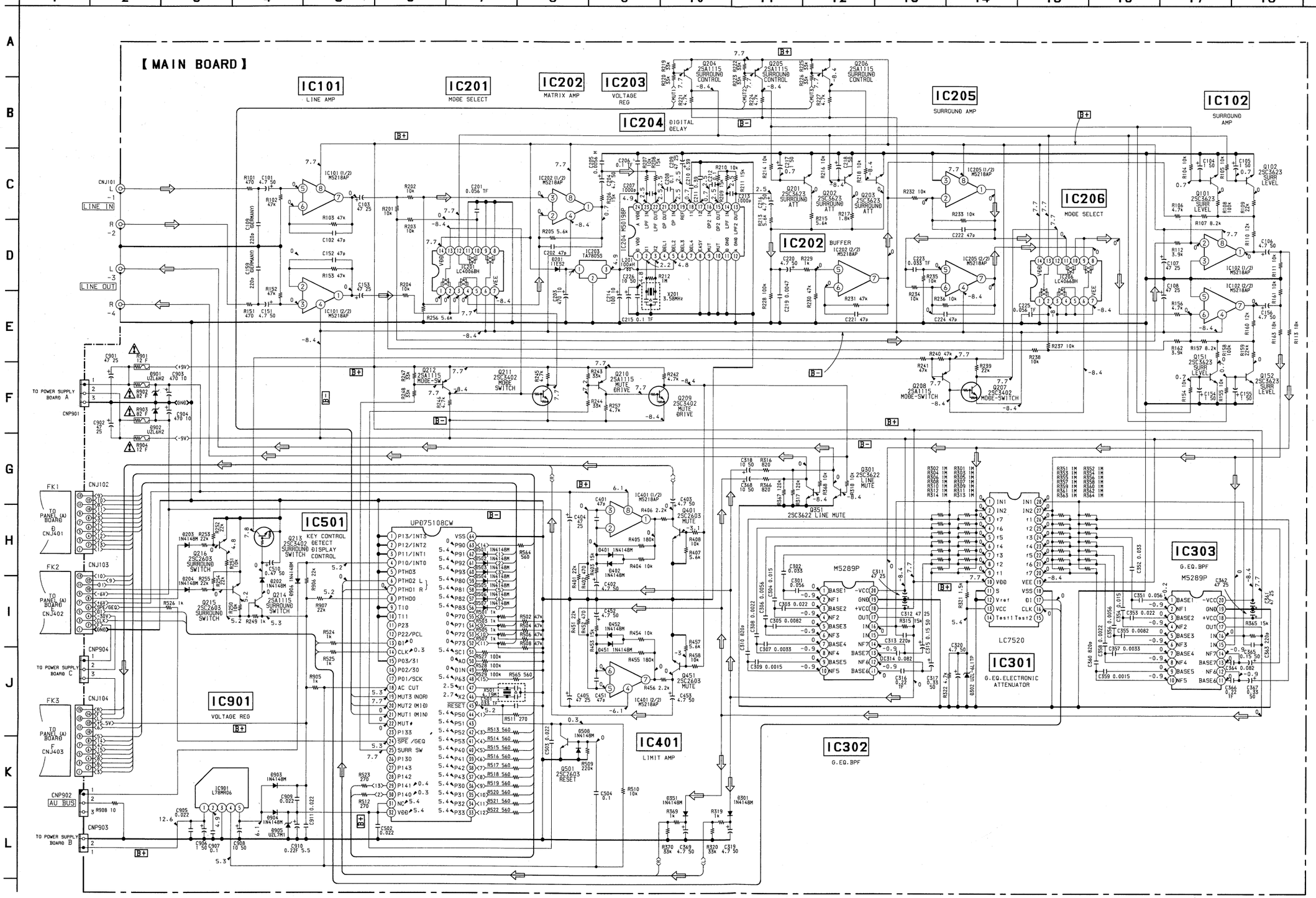
2-3. PRINTED WIRING BOARDS

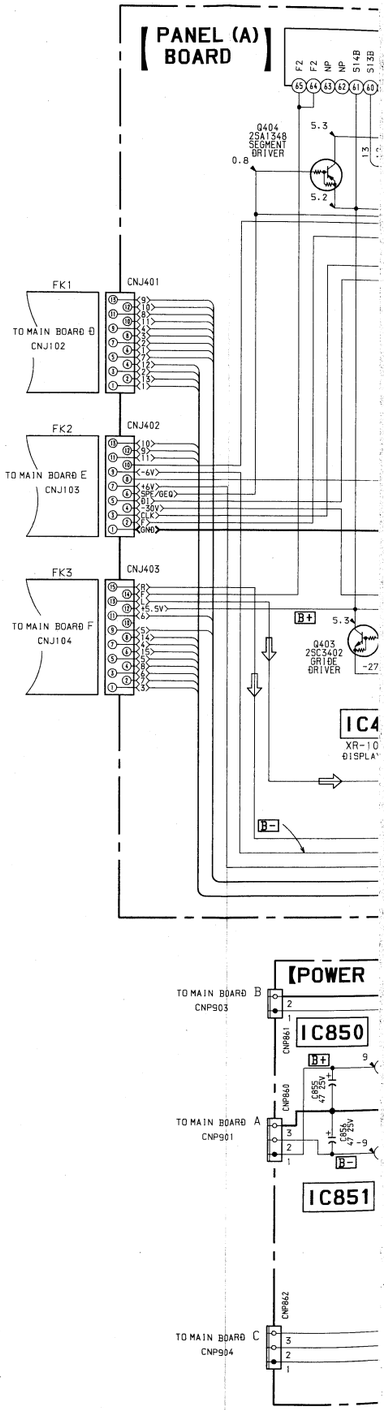
Location
B-6
B-7
B-10
C-10
C-7
D-7
D-3
C-3
F-3
E-7
I-10
J-11
I-6
J-7
E-9
F-13
F-14
A-11
C-6
C-6
D-6
D-6
D-9
D-10
D-8
D-10
D-9
D-9
D-7
D-7
E-5
E-5
C-7
C-7
G-9
G-8
G-9
G-8
B-4
F-4
E-6
J-10
J-9
J-9
F-7
I-4
F-10
G-15

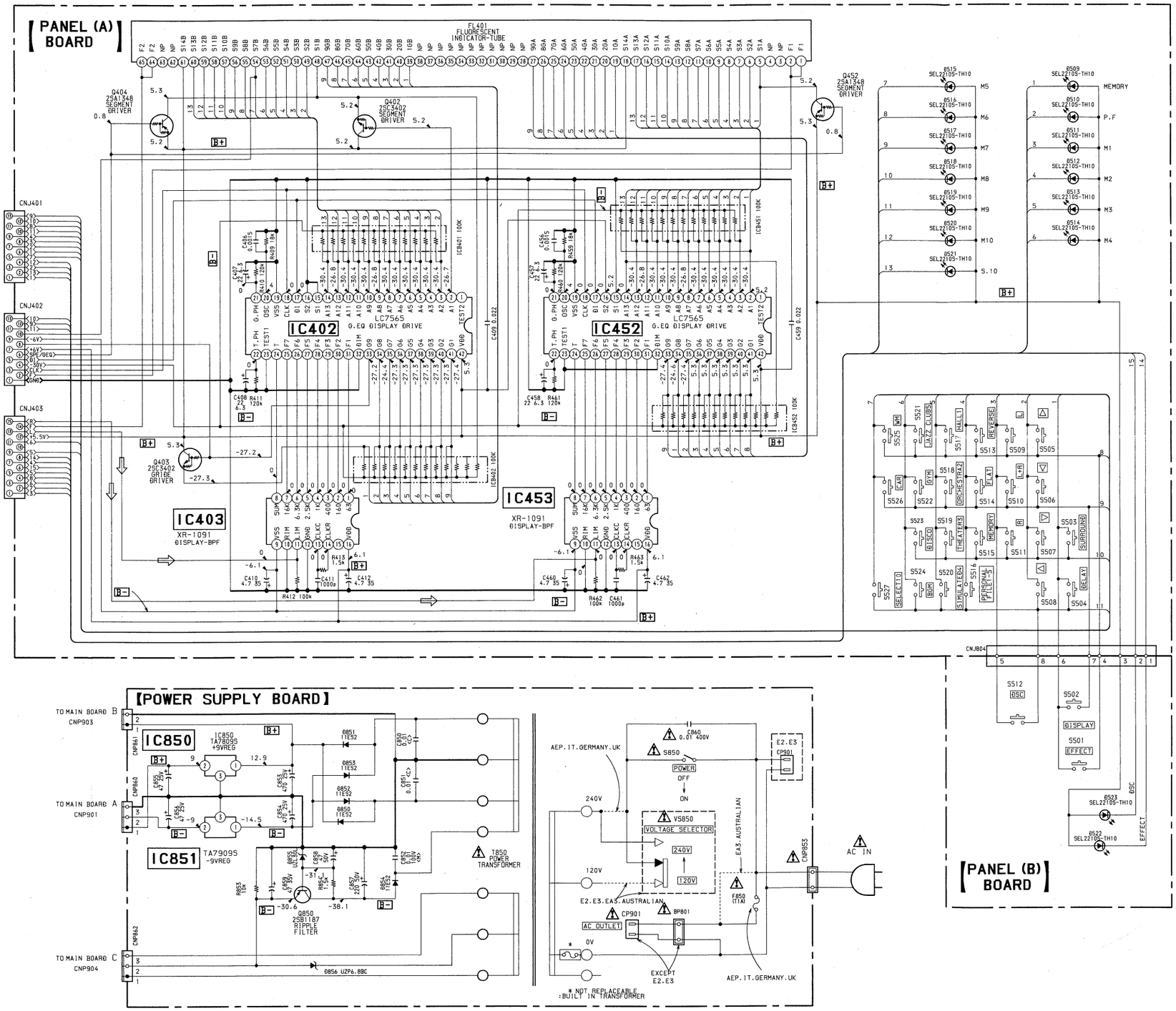
omponent side.
s seen.



2-4. SCHEMATIC DIAGRAM • Refer to page 13 for IC Block Diagrams.







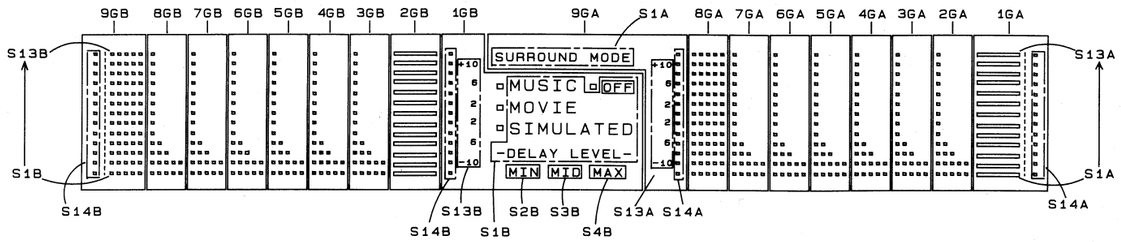
Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ⏦ : printed resistor.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

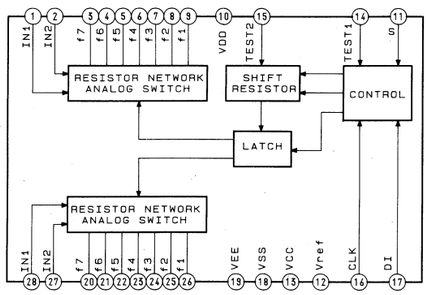
- B+ : B+ Line
- B− : B− Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark: DEMO MODE
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : LINE IN
- IT: Italian model
- EA3: Saudi Arabia model

• FL401 FLUORESCENT INDICATOR TUBE

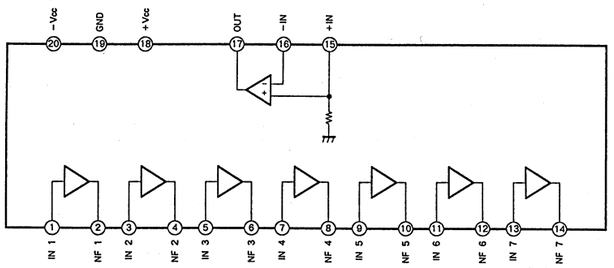


• IC BLOCK Diagrams

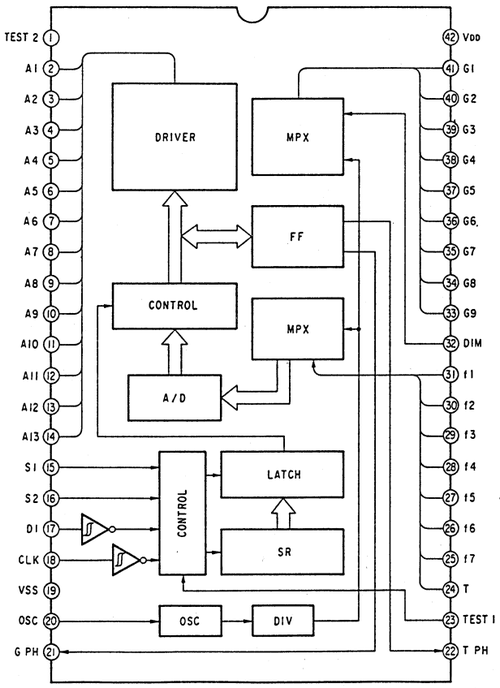
IC301 LC7520



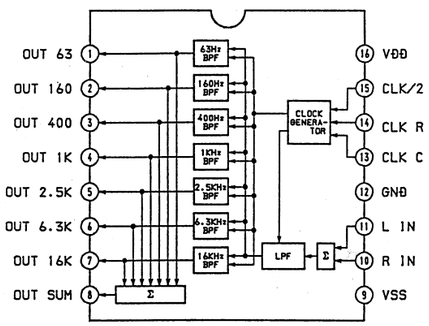
IC302, 303 M5289P



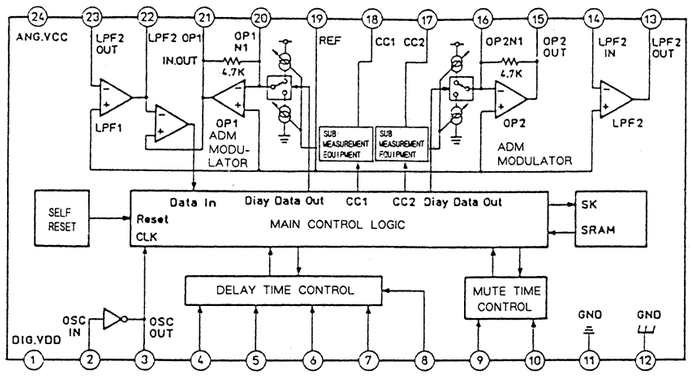
IC402 LC7565K



IC403, 453 XR1091DCP



IC204 M50198P



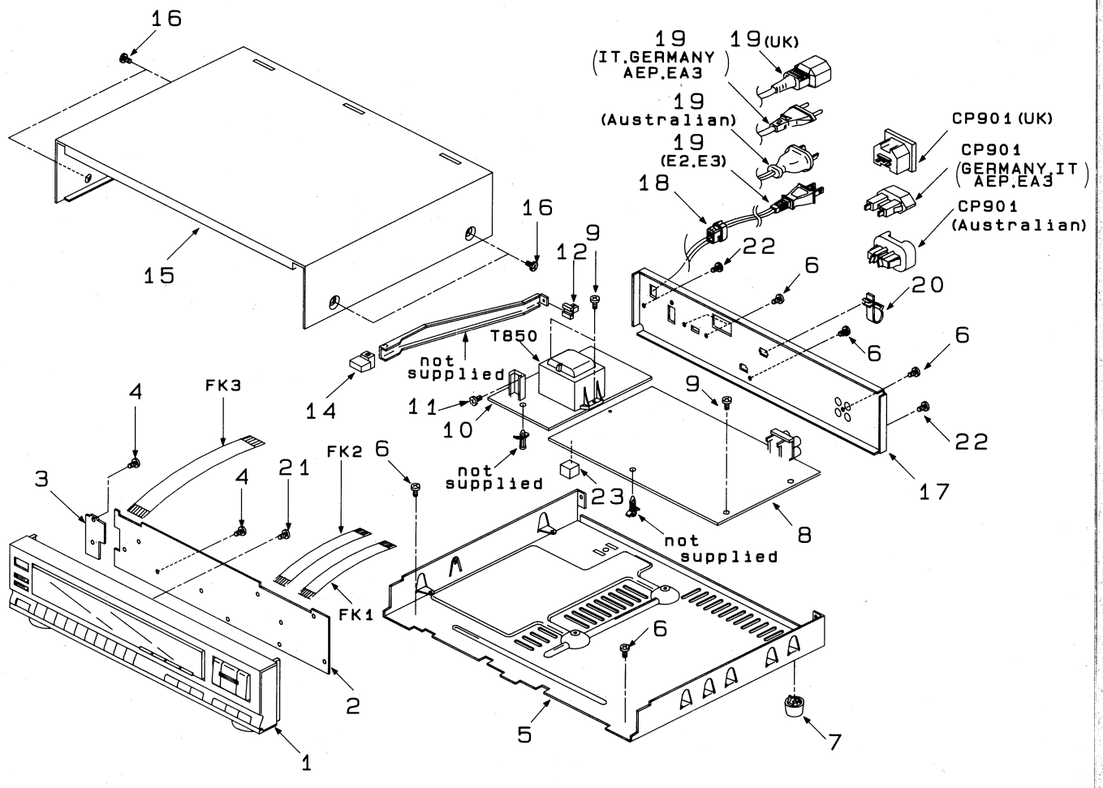
SECTION 3
EXPLODED VIEW

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "✱" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE)...(RED)
  ↑ Parts Color ↑ Cabinet's Color
- Hardware(# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- IT: Italian model
- EA3: Saudi Arabia model



SECTION 4
ELECTRICAL PARTS LIST

PANEL (A) **MAIN**

POWER **PANEL (B)**

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- CAPACITORS
  uF: μF
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- COILS
  uH: μH
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA...: μA..., uPA...: μPA...,
  uPB...: μPB..., uPC...: μPC...,
  uPD...: μPD....

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- IT: Italian model
- EA3: Saudi Arabia model

Ref. No.	Part No.	Description	Remark
1	X-4941-421-1	PANEL ASSY, FRONT (EXCEPT IT)	
1	X-4941-422-1	PANEL ASSY, FRONT (IT)	
2	* A-4341-945-A	PANEL (A) BOARD, COMPLETE	
3	* 1-638-523-11	PANEL (B) BOARD	
4	7-621-773-93	SCREW (PANEL 2.6 TP2)	
5	* 4-924-520-01	CHASSIS	
6	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
7	4-931-169-01	FOOT	
8	* A-4341-948-A	MAIN BOARD, COMPLETE (EXCEPT GERMANY)	
8	* A-4341-949-A	MAIN BOARD, COMPLETE (GERMANY)	
9	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
10	* A-4341-944-A	POWER BOARD, COMPLETE (Australian, EA3)	
10	* A-4341-947-A	POWER BOARD, COMPLETE (GERMANY, AEP, IT)	
10	* A-4341-942-A	POWER BOARD, COMPLETE (UK)	
10	* A-4341-943-A	POWER BOARD, COMPLETE (E2, E3)	
11	7-682-548-04	SCREW +BVTT 3X8 (S)	
12	4-866-342-00	JOINT (B), KNOB	
14	4-921-919-21	BUTTON (P)	
15	* 4-939-802-71	CASE	
16	3-363-099-01	SCREW (CASE +3X8 TP2)	
17	4-943-707-52	PANEL, BACK (Australian)	
17	4-943-707-11	PANEL, BACK (AEP, GERMANY, IT)	
17	4-943-707-42	PANEL, BACK (EA3)	
17	4-943-707-21	PANEL, BACK (UK)	
17	4-943-707-32	PANEL, BACK (E2, E3)	
18	* 3-703-244-00	BUSHING (2104), CORD (EXCEPT E2, E3)	
18	* 3-703-571-11	BUSHING (S) (4516), CORD (E2, E3)	
19	⚠ 1-575-669-21	CORD, POWER (UK)	
19	⚠ 1-690-056-11	CORD, POWER (Australian)	
19	⚠ 1-575-654-11	CORD, POWER (AEP, GERMANY, IT, EA3)	
19	⚠ 1-575-656-11	CORD, POWER (E2, E3)	
20	* 2-379-614-01	HOOK	
21	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S	
22	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	
23	9-911-843-XX	CUSHION	
CP901	⚠ 1-526-751-00	OUTLET, AC (UK)	
CP901	⚠ 1-526-794-11	OUTLET, AC (AEP, IT, GERMANY, EA3)	
CP901	⚠ 1-540-196-11	OUTLET, AC (Australian)	
FK1	1-575-784-11	WIRE, FLAT TYPE (13 CORE)	
FK2	1-575-784-11	WIRE, FLAT TYPE (13 CORE)	
FK3	* 1-575-853-11	WIRE, FLAT TYPE (15 CORE)	
T850	⚠ 1-450-119-11	TRANSFORMER, POWER (AEP, IT, GERMANY)	
T850	⚠ 1-450-117-11	TRANSFORMER, POWER (UK)	
T850	⚠ 1-450-118-11	TRANSFORMER, POWER (E2/3, EA3, Australian)	

Ref. No.	Part No.	Description	Remark
	* A-4341-945-A	PANEL (A) BOARD, COMPLETE	
		**********	
	* A-4341-948-A	MAIN BOARD, COMPLETE (EXCEPT GERMANY)	
	* A-4341-949-A	MAIN BOARD, COMPLETE (GERMANY)	
		**********	
	* A-4341-944-A	POWER BOARD, COMPLETE (Australian, EA3)	
	* A-4341-947-A	POWER BOARD, COMPLETE (GERMANY, AEP, IT)	
	* A-4341-942-A	POWER BOARD, COMPLETE (UK)	
	* A-4341-943-A	POWER BOARD, COMPLETE (E2, E3)	
		**********	
	* 1-638-523-11	PANEL (B) BOARD	
		**********	
	* 1-533-213-31	HOLDER, FUSE (AEP, GERMANY, IT, UK)	
	* 3-309-144-21	HEAT SINK	
	* 4-933-621-01	HOLDER (EQ), FL	
	7-682-548-04	SCREW +BVTT 3X8 (S)	
		< BASE POST >	
BP801	1-535-139-00	BASE POST 22MM (10MM PITCH) 2P (AEP, UK, IT, GERMANY)	
		< CAPACITOR >	
C101	1-126-163-11	ELECT 4.7uF 20% 50V	
C102	1-162-215-31	CERAMIC 47PF 5% 50V	
C103	1-124-910-11	ELECT 47uF 20% 50V	
C104	1-126-301-11	ELECT 1uF 20% 50V	
C105	1-126-301-11	ELECT 1uF 20% 50V	
C106	1-126-163-11	ELECT 4.7uF 20% 50V	
C107	1-124-910-11	ELECT 47uF 20% 50V	
C108	1-124-910-11	ELECT 47uF 20% 50V	
C109	1-162-286-31	CERAMIC 220PF 10% 50V (GERMANY)	
C151	1-126-163-11	ELECT 4.7uF 20% 50V	
C152	1-162-215-31	CERAMIC 47PF 5% 50V	
C153	1-124-910-11	ELECT 47uF 20% 50V	
C154	1-126-301-11	ELECT 1uF 20% 50V	
C155	1-126-301-11	ELECT 1uF 20% 50V	
C156	1-126-163-11	ELECT 4.7uF 20% 50V	
C159	1-162-286-31	CERAMIC 220PF 10% 50V (GERMANY)	
C201	1-136-162-00	FILM 0.056uF 5% 50V	
C202	1-162-215-31	CERAMIC 47PF 5% 50V	
C203	1-124-997-11	ELECT 470uF 20% 10V	
C204	1-126-163-11	ELECT 4.7uF 20% 50V	
C205	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C206	1-136-165-00	FILM 0.1uF 5% 50V	
C207	1-162-294-31	CERAMIC 0.001uF 10% 50V	
C208	1-136-165-00	FILM 0.1uF 5% 50V	
C209	1-124-910-11	ELECT 47uF 20% 50V	
C210	1-136-172-00	FILM 0.39uF 5% 50V	
C211	1-136-172-00	FILM 0.39uF 5% 50V	
C212	1-136-165-00	FILM 0.1uF 5% 50V	
C213	1-162-294-31	CERAMIC 0.001uF 10% 50V	
C214	1-124-994-11	ELECT 100uF 20% 10V	
C215	1-136-165-00	FILM 0.1uF 5% 50V	
C216	1-126-163-11	ELECT 4.7uF 20% 50V	
C217	1-126-301-11	ELECT 1uF 20% 50V	
C218	1-126-301-11	ELECT 1uF 20% 50V	
C219	1-130-479-00	MYLAR 0.0047uF 5% 50V	
C220	1-126-163-11	ELECT 4.7uF 20% 50V	
C221	1-162-215-31	CERAMIC 47PF 5% 50V	
C222	1-162-215-31	CERAMIC 47PF 5% 50V	
C223	1-136-159-00	FILM 0.033uF 5% 50V	
C224	1-162-215-31	CERAMIC 47PF 5% 50V	
C225	1-136-162-00	FILM 0.056uF 5% 50V	
C226	1-126-059-11	ELECT 10uF 20% 50V	
C301	1-136-162-00	FILM 0.056uF 5% 50V	
C302	1-136-159-00	FILM 0.033uF 5% 50V	
C303	1-136-157-00	FILM 0.022uF 5% 50V	

SECTION 4
ELECTRICAL PARTS LIST

PANEL (A) **MAIN**

POWER **PANEL (B)**

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- CAPACITORS
  uF: μF
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- COILS
  uH: μH
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA...: μA..., uPA...: μPA...,
  uPB...: μPB..., uPC...: μPC...,
  uPD...: μPD....

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- IT: Italian model
- EA3: Saudi Arabia model

Ref. No.	Part No.	Description	Remark
1	X-4941-421-1	PANEL ASSY, FRONT (EXCEPT IT)	
1	X-4941-422-1	PANEL ASSY, FRONT (IT)	
2	* A-4341-945-A	PANEL (A) BOARD, COMPLETE	
3	* 1-638-523-11	PANEL (B) BOARD	
4	7-621-773-93	SCREW (PANEL 2.6 TP2)	
5	* 4-924-520-01	CHASSIS	
6	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
7	4-931-169-01	FOOT	
8	* A-4341-948-A	MAIN BOARD, COMPLETE (EXCEPT GERMANY)	
8	* A-4341-949-A	MAIN BOARD, COMPLETE (GERMANY)	
9	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
10	* A-4341-944-A	POWER BOARD, COMPLETE (Australian, EA3)	
10	* A-4341-947-A	POWER BOARD, COMPLETE (GERMANY, AEP, IT)	
10	* A-4341-942-A	POWER BOARD, COMPLETE (UK)	
10	* A-4341-943-A	POWER BOARD, COMPLETE (E2, E3)	
11	7-682-548-04	SCREW +BVTT 3X8 (S)	
12	4-866-342-00	JOINT (B), KNOB	
14	4-921-919-21	BUTTON (P)	
15	* 4-939-802-71	CASE	
16	3-363-099-01	SCREW (CASE +3X8 TP2)	
17	4-943-707-52	PANEL, BACK (Australian)	
17	4-943-707-11	PANEL, BACK (AEP, GERMANY, IT)	
17	4-943-707-42	PANEL, BACK (EA3)	
17	4-943-707-21	PANEL, BACK (UK)	
17	4-943-707-32	PANEL, BACK (E2, E3)	
18	* 3-703-244-00	BUSHING (2104), CORD (EXCEPT E2, E3)	
18	* 3-703-571-11	BUSHING (S) (4516), CORD (E2, E3)	
19	⚠ 1-575-669-21	CORD, POWER (UK)	
19	⚠ 1-690-056-11	CORD, POWER (Australian)	
19	⚠ 1-575-654-11	CORD, POWER (AEP, GERMANY, IT, EA3)	
19	⚠ 1-575-656-11	CORD, POWER (E2, E3)	
20	* 2-379-614-01	HOOK	
21	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S	
22	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	
23	9-911-843-XX	CUSHION	
CP901	⚠ 1-526-751-00	OUTLET, AC (UK)	
CP901	⚠ 1-526-794-11	OUTLET, AC (AEP, IT, GERMANY, EA3)	
CP901	⚠ 1-540-196-11	OUTLET, AC (Australian)	
FK1	1-575-784-11	WIRE, FLAT TYPE (13 CORE)	
FK2	1-575-784-11	WIRE, FLAT TYPE (13 CORE)	
FK3	* 1-575-853-11	WIRE, FLAT TYPE (15 CORE)	
T850	⚠ 1-450-119-11	TRANSFORMER, POWER (AEP, IT, GERMANY)	
T850	⚠ 1-450-117-11	TRANSFORMER, POWER (UK)	
T850	⚠ 1-450-118-11	TRANSFORMER, POWER (E2/3, EA3, Australian)	

Ref. No.	Part No.	Description	Remark
	* A-4341-945-A	PANEL (A) BOARD, COMPLETE	
		**********	
	* A-4341-948-A	MAIN BOARD, COMPLETE (EXCEPT GERMANY)	
	* A-4341-949-A	MAIN BOARD, COMPLETE (GERMANY)	
		**********	
	* A-4341-944-A	POWER BOARD, COMPLETE (Australian, EA3)	
	* A-4341-947-A	POWER BOARD, COMPLETE (GERMANY, AEP, IT)	
	* A-4341-942-A	POWER BOARD, COMPLETE (UK)	
	* A-4341-943-A	POWER BOARD, COMPLETE (E2, E3)	
		**********	
	* 1-638-523-11	PANEL (B) BOARD	
		**********	
	* 1-533-213-31	HOLDER, FUSE (AEP, GERMANY, IT, UK)	
	* 3-309-144-21	HEAT SINK	
	* 4-933-621-01	HOLDER (EQ), FL	
	7-682-548-04	SCREW +BVTT 3X8 (S)	
		< BASE POST >	
BP801	1-535-139-00	BASE POST 22MM (10MM PITCH) 2P (AEP, UK, IT, GERMANY)	
		< CAPACITOR >	
C101	1-126-163-11	ELECT 4.7uF 20% 50V	
C102	1-162-215-31	CERAMIC 47PF 5% 50V	
C103	1-124-910-11	ELECT 47uF 20% 50V	
C104	1-126-301-11	ELECT 1uF 20% 50V	
C105	1-126-301-11	ELECT 1uF 20% 50V	
C106	1-126-163-11	ELECT 4.7uF 20% 50V	
C107	1-124-910-11	ELECT 47uF 20% 50V	
C108	1-124-910-11	ELECT 47uF 20% 50V	
C109	1-162-286-31	CERAMIC 220PF 10% 50V (GERMANY)	
C151	1-126-163-11	ELECT 4.7uF 20% 50V	
C152	1-162-215-31	CERAMIC 47PF 5% 50V	
C153	1-124-910-11	ELECT 47uF 20% 50V	
C154	1-126-301-11	ELECT 1uF 20% 50V	
C155	1-126-301-11	ELECT 1uF 20% 50V	
C156	1-126-163-11	ELECT 4.7uF 20% 50V	
C159	1-162-286-31	CERAMIC 220PF 10% 50V (GERMANY)	
C201	1-136-162-00	FILM 0.056uF 5% 50V	
C202	1-162-215-31	CERAMIC 47PF 5% 50V	
C203	1-124-997-11	ELECT 470uF 20% 10V	
C204	1-126-163-11	ELECT 4.7uF 20% 50V	
C205	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C206	1-136-165-00	FILM 0.1uF 5% 50V	
C207	1-162-294-31	CERAMIC 0.001uF 10% 50V	
C208	1-136-165-00	FILM 0.1uF 5% 50V	
C209	1-124-910-11	ELECT 47uF 20% 50V	
C210	1-136-172-00	FILM 0.39uF 5% 50V	
C211	1-136-172-00	FILM 0.39uF 5% 50V	
C212	1-136-165-00	FILM 0.1uF 5% 50V	
C213	1-162-294-31	CERAMIC 0.001uF 10% 50V	
C214	1-124-994-11	ELECT 100uF 20% 10V	
C215	1-136-165-00	FILM 0.1uF 5% 50V	
C216	1-126-163-11	ELECT 4.7uF 20% 50V	
C217	1-126-301-11	ELECT 1uF 20% 50V	
C218	1-126-301-11	ELECT 1uF 20% 50V	
C219	1-130-479-00	MYLAR 0.0047uF 5% 50V	
C220	1-126-163-11	ELECT 4.7uF 20% 50V	
C221	1-162-215-31	CERAMIC 47PF 5% 50V	
C222	1-162-215-31	CERAMIC 47PF 5% 50V	
C223	1-136-159-00	FILM 0.033uF 5% 50V	
C224	1-162-215-31	CERAMIC 47PF 5% 50V	
C225	1-136-162-00	FILM 0.056uF 5% 50V	
C226	1-126-059-11	ELECT 10uF 20% 50V	
C301	1-136-162-00	FILM 0.056uF 5% 50V	
C302	1-136-159-00	FILM 0.033uF 5% 50V	
C303	1-136-157-00	FILM 0.022uF 5% 50V	

PANEL (A) **MAIN** **POWER** **PANEL (B)**

Ref. No.	Part No.	Description				Remark
C304	1-136-155-00	FILM	0.015uF	5%	50V	
C305	1-130-482-00	MYLAR	0.0082uF	5%	50V	
C306	1-130-480-00	MYLAR	0.0056uF	5%	50V	
C307	1-130-477-00	MYLAR	0.0033uF	5%	50V	
C308	1-130-475-00	MYLAR	0.0022uF	5%	50V	
C309	1-130-473-00	MYLAR	0.0015uF	5%	50V	
C310	1-130-470-00	MYLAR	820PF	5%	50V	
C311	1-124-910-11	ELECT	47uF	20%	50V	
C312	1-124-910-11	ELECT	47uF	20%	50V	
C313	1-162-286-31	CERAMIC	220PF	10%	50V	
C314	1-136-164-00	FILM	0.082uF	5%	50V	
C315	1-124-250-00	ELECT	0.15uF	20%	50V	
C316	1-136-169-00	FILM	0.22uF	5%	50V	
C317	1-124-252-00	ELECT	0.33uF	20%	50V	
C318	1-126-059-11	ELECT	10uF	20%	50V	
C319	1-126-163-11	ELECT	4.7uF	20%	50V	
C320	1-126-163-11	ELECT	4.7uF	20%	50V	
C351	1-136-162-00	FILM	0.056uF	5%	50V	
C352	1-136-159-00	FILM	0.033uF	5%	50V	
C353	1-136-157-00	FILM	0.022uF	5%	50V	
C354	1-136-155-00	FILM	0.015uF	5%	50V	
C355	1-130-482-00	MYLAR	0.0082uF	5%	50V	
C356	1-130-480-00	MYLAR	0.0056uF	5%	50V	
C357	1-130-477-00	MYLAR	0.0033uF	5%	50V	
C358	1-130-475-00	MYLAR	0.0022uF	5%	50V	
C359	1-130-473-00	MYLAR	0.0015uF	5%	50V	
C360	1-130-470-00	MYLAR	820PF	5%	50V	
C361	1-124-910-11	ELECT	47uF	20%	50V	
C362	1-124-910-11	ELECT	47uF	20%	50V	
C363	1-162-286-31	CERAMIC	220PF	10%	50V	
C364	1-136-164-00	FILM	0.082uF	5%	50V	
C365	1-124-250-00	ELECT	0.15uF	20%	50V	
C366	1-136-169-00	FILM	0.22uF	5%	50V	
C367	1-124-252-00	ELECT	0.33uF	20%	50V	
C368	1-126-059-11	ELECT	10uF	20%	50V	
C369	1-126-163-11	ELECT	4.7uF	20%	50V	
C401	1-162-215-31	CERAMIC	47PF	5%	50V	
C402	1-126-163-11	ELECT	4.7uF	20%	50V	
C403	1-126-163-11	ELECT	4.7uF	20%	50V	
C404	1-124-910-11	ELECT	47uF	20%	50V	
C405	1-124-910-11	ELECT	47uF	20%	50V	
C406	1-161-374-11	CERAMIC	0.0015uF	20%	50V	
C407	1-124-638-11	ELECT	22uF	20%	10V	
C408	1-124-638-11	ELECT	22uF	20%	10V	
C409	1-161-494-00	CERAMIC	0.022uF		25V	
C410	1-126-163-11	ELECT	4.7uF	20%	50V	
C411	1-130-471-00	MYLAR	0.001uF	5%	50V	
C412	1-126-163-11	ELECT	4.7uF	20%	50V	
C451	1-162-215-31	CERAMIC	47PF	5%	50V	

Ref. No.	Part No.	Description				Remark
C452	1-126-163-11	ELECT	4.7uF	20%	50V	
C453	1-126-163-11	ELECT	4.7uF	20%	50V	
C456	1-161-374-11	CERAMIC	0.0015uF	20%	50V	
C457	1-124-638-11	ELECT	22uF	20%	10V	
C458	1-126-163-11	ELECT	4.7uF	20%	50V	
C458	1-124-638-11	ELECT	22uF	20%	10V	
C459	1-161-494-00	CERAMIC	0.022uF		25V	
C460	1-126-163-11	ELECT	4.7uF	20%	50V	
C461	1-130-471-00	MYLAR	0.001uF	5%	50V	
C462	1-126-163-11	ELECT	4.7uF	20%	50V	
C501	1-136-159-00	FILM	0.033uF	5%	50V	
C502	1-161-494-00	CERAMIC	0.022uF		25V	
C503	1-161-494-00	CERAMIC	0.022uF		25V	
C504	1-136-165-00	FILM	0.1uF	5%	50V	
C510	1-126-300-11	ELECT	0.47uF	20%	50V	
C850	1-164-096-11	CERAMIC	0.01uF		50V	
C851	1-164-096-11	CERAMIC	0.01uF		50V	
C852	1-106-367-00	MYLAR	0.01uF	5%	200V	
C853	1-126-376-11	ELECT	470uF	20%	25V	
C854	1-126-376-11	ELECT	470uF	20%	25V	
C855	1-124-910-11	ELECT	47uF	20%	50V	
C856	1-124-910-11	ELECT	47uF	20%	50V	
C857	1-124-911-11	ELECT	220uF	20%	50V	
C858	1-124-910-11	ELECT	47uF	20%	50V	
C859	1-124-910-11	ELECT	47uF	20%	50V	
C860 ⚠	1-161-744-00	CERAMIC	0.01uF		400V	
C901	1-124-910-11	ELECT	47uF	20%	50V	
C902	1-124-910-11	ELECT	47uF	20%	50V	
C903	1-124-997-11	ELECT	470uF	20%	10V	
C904	1-124-997-11	ELECT	470uF	20%	10V	
C905	1-161-494-00	CERAMIC	0.022uF		25V	
C906	1-126-301-11	ELECT	1uF	20%	50V	
C907	1-136-165-00	FILM	0.1uF	5%	50V	
C908	1-126-059-11	ELECT	10uF	20%	50V	
C909	1-161-494-00	CERAMIC	0.022uF		25V	
C910	1-125-486-11	DUBLE LAYERS	0.22F		5.5V	
C911	1-161-494-00	CERAMIC	0.022uF		25V	

< CONNECTOR >

CNJ101	1-565-258-11	JACK, PIN 4P	
CNJ102 *	1-568-832-11	SOCKET, CONNECTOR 13P	
CNJ103 *	1-568-832-11	SOCKET, CONNECTOR 13P	
CNJ104 *	1-568-834-11	SOCKET, CONNECTOR 15P	
CNJ401 *	1-568-832-11	SOCKET, CONNECTOR 13P	
CNJ402 *	1-568-832-11	SOCKET, CONNECTOR 13P	
CNJ403 *	1-568-834-11	SOCKET, CONNECTOR 15P	

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

PANEL (A) MAIN POWER PANEL (B)

Ref. No.	Part No.	Description	Remark
CNP853	* 1-564-321-00	PIN, CONNECTOR 2P	
CNP860	* 1-564-337-61	PIN, CONNECTOR 3P	
CNP861	* 1-564-336-00	PIN, CONNECTOR 2P	
CNP862	* 1-564-337-00	PIN, CONNECTOR 3P	
CNP902	* 1-565-561-11	PIN, CONNECTOR 3P	
		< OUTLET >	
CP901	1-526-751-00	OUTLET, AC (UK)	
CP901	1-526-794-11	OUTLET, AC (NONPOLAR) (1P) (AEP, IT, GERMANY, EA3)	
CP901	1-540-038-11	OUTLET, AC (NONPOLAR) (1P) (E2, E3)	
CP901	1-540-196-11	OUTLET, AC (Australian)	
		< DIODE >	
D201	8-719-200-82	DIODE 11ES2	
D202	8-719-912-20	DIODE 1SS120	
D203	8-719-912-20	DIODE 1SS120	
D204	8-719-912-20	DIODE 1SS120	
D301	8-719-912-20	DIODE 1SS120	
D302	8-719-933-33	DIODE HZS6A1L	
D351	8-719-912-20	DIODE 1SS120	
D401	8-719-912-20	DIODE 1SS120	
D402	8-719-912-20	DIODE 1SS120	
D451	8-719-912-20	DIODE 1SS120	
D452	8-719-912-20	DIODE 1SS120	
D501	8-719-912-20	DIODE 1SS120	
D502	8-719-912-20	DIODE 1SS120	
D503	8-719-912-20	DIODE 1SS120	
D504	8-719-912-20	DIODE 1SS120	
D505	8-719-912-20	DIODE 1SS120	
D506	8-719-912-20	DIODE 1S120	
D507	8-719-912-20	DIODE 1SS120	
D508	8-719-912-20	DIODE 1SS120	
D509	8-719-301-37	DIODE SEL2210S-CD	
D510	8-719-301-37	DIODE SEL2210S-CD	
D511	8-719-301-37	DIODE SEL2210S-CD	
D512	8-719-301-37	DIODE SEL2210S-CD	
D513	8-719-301-37	DIODE SEL2210S-CD	
D514	8-719-301-37	DIODE SEL2210S-CD	
D515	8-719-301-37	DIODE SEL2210S-CD	
D516	8-719-301-37	DIODE SEL2210S-CD	
D517	8-719-301-37	DIODE SEL2210S-CD	
D518	8-719-301-37	DIODE SEL2210S-CD	
D519	8-719-301-37	DIODE SEL2210S-CD	
D520	8-719-301-37	DIODE SEL2210S-CD	
D521	8-719-301-37	DIODE SEL2210S-CD	
D522	8-719-301-37	DIODE SEL2210S-CD	
D523	8-719-301-37	DIODE SEL2210S-CD	
D850	8-719-200-82	DIODE 11ES2	
D851	8-719-200-82	DIODE 11ES2	
D852	8-719-200-82	DIODE 11ES2	
D853	8-719-200-82	DIODE 11ES2	
D854	8-719-200-82	DIODE 11ES2	
D855	8-719-934-22	DIODE HZS30-2L	
D856	8-719-014-88	DIODE UZP-6.8BC	
D901	8-719-933-36	DIODE HZS6B1L	
D902	8-719-933-36	DIODE HZS6B1L	
D903	8-719-912-20	DIODE 1SS120	
D904	8-719-912-20	DIODE 1SS120	
D905	8-719-000-84	DIODE UZL-7M1	
D906	8-719-912-20	DIODE 1SS120	
		< FUSE >	
F850 ⚠	1-532-078-00	FUSE (T1A) (AEP, UK, IT, GERMANY)	
		< CABLE >	
FK1	1-575-784-11	WIRE, FLAT TYPE (13 CORE)	
FK2	1-575-784-11	WIRE, FLAT TYPE (13 CORE)	
FK3	* 1-575-853-11	WIRE, FLAT TYPE (15 CORE)	
		< FILTER >	
FL401	1-519-559-11	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC101	8-759-634-51	IC M5218AP	
IC102	8-759-634-51	IC M5218AP	
IC201	8-759-801-01	IC LC4066	
IC202	8-759-634-51	IC M5218AP	
IC203	8-759-231-53	IC TA7805S	
IC204	8-759-633-83	IC M50198P	
IC205	8-759-634-51	IC M5218AP	
IC206	8-759-801-01	IC LC4066	
IC301	8-759-822-25	IC LC7520K	
IC302	8-759-633-78	IC M5289P	
IC303	8-759-633-78	IC M5289P	
IC401	8-759-634-51	IC M5218AP	
IC402	8-759-822-27	IC LC7565K	
IC403	8-759-991-11	IC XR1091DCP	
IC452	8-759-822-27	IC LC7565K	
IC453	8-759-991-11	IC XR1091DCP	
IC501	8-759-149-01	IC uPD75108CW-B10	
IC850	8-759-231-56	IC TA7809S	
IC851	8-759-245-82	IC TA7909S	
IC901	8-759-820-13	IC L78MR06	
ICB401	1-233-198-11	IC COMPOSITION CIRCUIT BLOCK 100kX12	
ICB402	1-233-198-11	IC COMPOSITION CIRCUIT BLOCK 100kX12	
ICB451	1-233-198-11	IC COMPOSITION CIRCUIT BLOCK 100kX12	
ICB452	1-233-198-11	IC COMPOSITION CIRCUIT BLOCK 100kX12	

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

PANEL (A) **MAIN** **POWER** **PANEL (B)**

Ref. No.	Part No.	Description				Remark
		< COIL >				
L201	1-410-521-11	INDUCTOR	100uH			
		< TRANSISTOR >				
Q101	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q102	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q151	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q152	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q201	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q202	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q203	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q204	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q205	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q206	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q207	8-729-900-80	TRANSISTOR DTC114ES				
Q208	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q209	8-729-900-80	TRANSISTOR DTC114ES				
Q210	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q211	8-729-900-80	TRANSISTOR DTC114ES				
Q212	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q213	8-729-900-80	TRANSISTOR DTC114ES				
Q214	8-729-119-76	TRANSISTOR 2SA1175-HFE				
Q215	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q216	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q301	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q351	8-729-141-30	TRANSISTOR 2SC3623A-LK				
Q401	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q402	8-729-900-80	TRANSISTOR DTC114ES				
Q403	8-729-900-80	TRANSISTOR DTC114ES				
Q404	8-729-900-61	TRANSISTOR DTA114ES				
Q451	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q452	8-729-900-61	TRANSISTOR DTA114ES				
Q501	8-729-620-05	TRANSISTOR 2SC2603-EF				
Q850	8-729-111-67	TRANSISTOR 2SB1094-L				
		< RESISTOR >				
R101	1-249-413-11	CARBON	470	5%	1/4W	
R102	1-249-437-11	CARBON	47K	5%	1/4W	
R103	1-249-437-11	CARBON	47K	5%	1/4W	
R104	1-249-429-11	CARBON	10K	5%	1/4W	
R105	1-249-429-11	CARBON	10K	5%	1/4W	
R106	1-249-425-11	CARBON	4.7K	5%	1/4W	
R107	1-249-428-11	CARBON	8.2K	5%	1/4W	
R108	1-249-441-11	CARBON	100K	5%	1/4W	
R109	1-249-433-11	CARBON	22K	5%	1/4W	
R110	1-249-430-11	CARBON	12K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R111	1-249-429-11	CARBON	10K	5%	1/4W	
R112	1-249-424-11	CARBON	3.9K	5%	1/4W	
R113	1-249-432-11	CARBON	18K	5%	1/4W	
R151	1-249-413-11	CARBON	470	5%	1/4W	
R152	1-249-437-11	CARBON	47K	5%	1/4W	
R153	1-249-437-11	CARBON	47K	5%	1/4W	
R154	1-249-429-11	CARBON	10K	5%	1/4W	
R155	1-249-429-11	CARBON	10K	5%	1/4W	
R156	1-249-425-11	CARBON	4.7K	5%	1/4W	
R157	1-249-428-11	CARBON	8.2K	5%	1/4W	
R158	1-249-441-11	CARBON	100K	5%	1/4W	
R159	1-249-433-11	CARBON	22K	5%	1/4W	
R160	1-249-430-11	CARBON	12K	5%	1/4W	
R161	1-249-429-11	CARBON	10K	5%	1/4W	
R162	1-249-424-11	CARBON	3.9K	5%	1/4W	
R163	1-249-432-11	CARBON	18K	5%	1/4W	
R201	1-249-429-11	CARBON	10K	5%	1/4W	
R202	1-249-429-11	CARBON	10K	5%	1/4W	
R203	1-249-429-11	CARBON	10K	5%	1/4W	
R204	1-249-429-11	CARBON	10K	5%	1/4W	
R205	1-249-426-11	CARBON	5.6K	5%	1/4W	
R206	1-249-431-11	CARBON	15K	5%	1/4W	
R207	1-249-429-11	CARBON	10K	5%	1/4W	
R208	1-249-431-11	CARBON	15K	5%	1/4W	
R209	1-249-431-11	CARBON	15K	5%	1/4W	
R210	1-249-429-11	CARBON	10K	5%	1/4W	
R211	1-249-431-11	CARBON	15K	5%	1/4W	
R212	1-247-903-00	CARBON	1M	5%	1/4W	
R213	1-249-426-11	CARBON	5.6K	5%	1/4W	
R214	1-249-429-11	CARBON	10K	5%	1/4W	
R215	1-249-426-11	CARBON	5.6K	5%	1/4W	
R216	1-249-429-11	CARBON	10K	5%	1/4W	
R217	1-249-420-11	CARBON	1.8K	5%	1/4W	
R218	1-249-429-11	CARBON	10K	5%	1/4W	
R219	1-249-435-11	CARBON	33K	5%	1/4W	
R220	1-249-435-11	CARBON	33K	5%	1/4W	
R221	1-249-425-11	CARBON	4.7K	5%	1/4W	
R222	1-249-435-11	CARBON	33K	5%	1/4W	
R223	1-249-435-11	CARBON	33K	5%	1/4W	
R224	1-249-425-11	CARBON	4.7K	5%	1/4W	
R225	1-249-435-11	CARBON	33K	5%	1/4W	
R226	1-249-435-11	CARBON	33K	5%	1/4W	
R227	1-249-425-11	CARBON	4.7K	5%	1/4W	
R228	1-249-441-11	CARBON	100K	5%	1/4W	
R229	1-249-417-11	CARBON	1K	5%	1/4W	
R230	1-249-437-11	CARBON	47K	5%	1/4W	
R231	1-249-437-11	CARBON	47K	5%	1/4W	
R232	1-249-429-11	CARBON	10K	5%	1/4W	
R233	1-249-429-11	CARBON	10K	5%	1/4W	

PANEL (A) MAIN POWER PANEL (B)

Ref. No.	Part No.	Description			Remark
R234	1-249-429-11	CARBON	10K	5%	1/4W
R235	1-249-429-11	CARBON	10K	5%	1/4W
R236	1-249-429-11	CARBON	10K	5%	1/4W
R237	1-249-429-11	CARBON	10K	5%	1/4W
R238	1-249-429-11	CARBON	10K	5%	1/4W
R239	1-249-433-11	CARBON	22K	5%	1/4W
R240	1-249-437-11	CARBON	47K	5%	1/4W
R241	1-249-437-11	CARBON	47K	5%	1/4W
R242	1-249-425-11	CARBON	4.7K	5%	1/4W
R243	1-249-435-11	CARBON	33K	5%	1/4W
R244	1-249-435-11	CARBON	33K	5%	1/4W
R245	1-249-425-11	CARBON	4.7K	5%	1/4W
R246	1-249-425-11	CARBON	4.7K	5%	1/4W
R247	1-249-435-11	CARBON	33K	5%	1/4W
R248	1-249-435-11	CARBON	33K	5%	1/4W
R249	1-249-417-11	CARBON	1K	5%	1/4W
R250	1-249-429-11	CARBON	10K	5%	1/4W
R251	1-249-429-11	CARBON	10K	5%	1/4W
R252	1-249-433-11	CARBON	22K	5%	1/4W
R253	1-249-433-11	CARBON	22K	5%	1/4W
R254	1-249-433-11	CARBON	22K	5%	1/4W
R255	1-249-433-11	CARBON	22K	5%	1/4W
R256	1-249-426-11	CARBON	5.6K	5%	1/4W
R257	1-249-425-11	CARBON	4.7K	5%	1/4W
R301	1-247-903-00	CARBON	1M	5%	1/4W
R302	1-247-903-00	CARBON	1M	5%	1/4W
R303	1-247-903-00	CARBON	1M	5%	1/4W
R304	1-247-903-00	CARBON	1M	5%	1/4W
R305	1-247-903-00	CARBON	1M	5%	1/4W
R306	1-247-903-00	CARBON	1M	5%	1/4W
R307	1-247-903-00	CARBON	1M	5%	1/4W
R308	1-247-903-00	CARBON	1M	5%	1/4W
R309	1-247-903-00	CARBON	1M	5%	1/4W
R310	1-247-903-00	CARBON	1M	5%	1/4W
R311	1-247-903-00	CARBON	1M	5%	1/4W
R312	1-247-903-00	CARBON	1M	5%	1/4W
R313	1-247-903-00	CARBON	1M	5%	1/4W
R314	1-247-903-00	CARBON	1M	5%	1/4W
R315	1-249-431-11	CARBON	15K	5%	1/4W
R316	1-249-416-11	CARBON	820	5%	1/4W
R317	1-247-881-00	CARBON	120K	5%	1/4W
R318	1-249-429-11	CARBON	10K	5%	1/4W
R319	1-249-417-11	CARBON	1K	5%	1/4W
R320	1-249-435-11	CARBON	33K	5%	1/4W
R321	1-249-419-11	CARBON	1.5K	5%	1/4W
R322	1-249-425-11	CARBON	4.7K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R351	1-247-903-00	CARBON	1M	5%	1/4W
R352	1-247-903-00	CARBON	1M	5%	1/4W
R353	1-247-903-00	CARBON	1M	5%	1/4W
R354	1-247-903-00	CARBON	1M	5%	1/4W
R355	1-247-903-00	CARBON	1M	5%	1/4W
R356	1-247-903-00	CARBON	1M	5%	1/4W
R357	1-247-903-00	CARBON	1M	5%	1/4W
R358	1-247-903-00	CARBON	1M	5%	1/4W
R359	1-247-903-00	CARBON	1M	5%	1/4W
R360	1-247-903-00	CARBON	1M	5%	1/4W
R361	1-247-903-00	CARBON	1M	5%	1/4W
R362	1-247-903-00	CARBON	1M	5%	1/4W
R363	1-247-903-00	CARBON	1M	5%	1/4W
R364	1-247-903-00	CARBON	1M	5%	1/4W
R365	1-249-431-11	CARBON	15K	5%	1/4W
R366	1-249-416-11	CARBON	820	5%	1/4W
R367	1-247-881-00	CARBON	120K	5%	1/4W
R368	1-249-429-11	CARBON	10K	5%	1/4W
R369	1-249-417-11	CARBON	1K	5%	1/4W
R370	1-249-435-11	CARBON	33K	5%	1/4W
R401	1-249-433-11	CARBON	22K	5%	1/4W
R402	1-249-413-11	CARBON	470	5%	1/4W
R403	1-249-431-11	CARBON	15K	5%	1/4W
R404	1-249-429-11	CARBON	10K	5%	1/4W
R405	1-247-885-00	CARBON	180K	5%	1/4W
R406	1-249-421-11	CARBON	2.2K	5%	1/4W
R407	1-249-426-11	CARBON	5.6K	5%	1/4W
R408	1-249-429-11	CARBON	10K	5%	1/4W
R409	1-249-432-11	CARBON	18K	5%	1/4W
R410	1-247-881-00	CARBON	120K	5%	1/4W
R411	1-247-881-00	CARBON	120K	5%	1/4W
R412	1-249-441-11	CARBON	100K	5%	1/4W
R413	1-249-419-11	CARBON	1.5K	5%	1/4W
R451	1-249-433-11	CARBON	22K	5%	1/4W
R452	1-249-413-11	CARBON	470	5%	1/4W
R453	1-249-431-11	CARBON	15K	5%	1/4W
R454	1-249-429-11	CARBON	10K	5%	1/4W
R455	1-247-885-00	CARBON	180K	5%	1/4W
R456	1-249-421-11	CARBON	2.2K	5%	1/4W
R457	1-249-426-11	CARBON	5.6K	5%	1/4W
R458	1-249-429-11	CARBON	10K	5%	1/4W
R459	1-249-432-11	CARBON	18K	5%	1/4W
R460	1-247-881-00	CARBON	120K	5%	1/4W
R461	1-247-881-00	CARBON	120K	5%	1/4W
R462	1-249-441-11	CARBON	100K	5%	1/4W
R463	1-249-419-11	CARBON	1.5K	5%	1/4W
R501	1-249-417-11	CARBON	1K	5%	1/4W
R502	1-249-437-11	CARBON	47K	5%	1/4W
R503	1-249-417-11	CARBON	1K	5%	1/4W

PANEL (A) **MAIN** **POWER** **PANEL (B)**

Ref. No.	Part No.	Description			Remark
R504	1-249-437-11	CARBON	47K	5%	1/4W
R505	1-249-417-11	CARBON	1K	5%	1/4W
R506	1-249-437-11	CARBON	47K	5%	1/4W
R507	1-249-417-11	CARBON	1K	5%	1/4W
R508	1-249-437-11	CARBON	47K	5%	1/4W
R509	1-247-887-00	CARBON	220K	5%	1/4W
R510	1-249-429-11	CARBON	10K	5%	1/4W
R511	1-249-410-11	CARBON	270	5%	1/4W
R512	1-249-410-11	CARBON	270	5%	1/4W
R513	1-249-414-11	CARBON	560	5%	1/4W
R514	1-249-414-11	CARBON	560	5%	1/4W
R515	1-249-414-11	CARBON	560	5%	1/4W
R516	1-249-414-11	CARBON	560	5%	1/4W
R517	1-249-414-11	CARBON	560	5%	1/4W
R518	1-249-414-11	CARBON	560	5%	1/4W
R519	1-249-414-11	CARBON	560	5%	1/4W
R520	1-249-414-11	CARBON	560	5%	1/4W
R521	1-249-414-11	CARBON	560	5%	1/4W
R522	1-249-414-11	CARBON	560	5%	1/4W
R523	1-249-410-11	CARBON	270	5%	1/4W
R524	1-249-417-11	CARBON	1K	5%	1/4W
R525	1-249-417-11	CARBON	1K	5%	1/4W
R526	1-249-417-11	CARBON	1K	5%	1/4W
R527	1-249-441-11	CARBON	100K	5%	1/4W
R528	1-249-441-11	CARBON	100K	5%	1/4W
R529	1-249-441-11	CARBON	100K	5%	1/4W
R564	1-249-414-11	CARBON	560	5%	1/4W
R565	1-249-414-11	CARBON	560	5%	1/4W
R853	1-249-429-11	CARBON	10K	5%	1/4W
R854	1-249-419-11	CARBON	1.5K	5%	1/4W
R901 ⚠·	1-212-859-00	FUSIBLE	12	5%	1/4W F
R902 ⚠·	1-212-879-11	FUSIBLE	82	5%	1/4W F
R903 ⚠·	1-212-879-11	FUSIBLE	82	5%	1/4W F
R904 ⚠·	1-212-859-00	FUSIBLE	12	5%	1/4W F
R905	1-249-417-11	CARBON	1K	5%	1/4W
R906	1-249-433-11	CARBON	22K	5%	1/4W
R907	1-249-433-11	CARBON	22K	5%	1/4W
R908	1-249-393-11	CARBON	10	5%	1/4W

< SWITCH >

S501	1-554-303-21	SWITCH, TACTILE	(EFFE)
S502	1-554-303-21	SWITCH, TACTILE	(DISP)
S503	1-554-303-21	SWITCH, TACTILE	(SURR)
S504	1-554-303-21	SWITCH, TACTILE	(DEL)
S505	1-554-303-21	SWITCH, TACTILE	(△)
S506	1-554-303-21	SWITCH, TACTILE	(▽)
S507	1-554-303-21	SWITCH, TACTILE	(▷)
S508	1-554-303-21	SWITCH, TACTILE	(◁)
S509	1-554-303-21	SWITCH, TACTILE	(L)
S510	1-554-303-21	SWITCH, TACTILE	(L+R)
S511	1-554-303-21	SWITCH, TACTILE	(R)
S512	1-554-303-21	SWITCH, TACTILE	(DCEQ)
S513	1-554-303-21	SWITCH, TACTILE	(REV)
S514	1-554-303-21	SWITCH, TACTILE	(FLAT)
S515	1-554-303-21	SWITCH, TACTILE	(MEMO)
S516	1-554-303-21	SWITCH, TACTILE	(P.F)
S517	1-554-303-21	SWITCH, TACTILE	(M1)
S518	1-554-303-21	SWITCH, TACTILE	(M2)
S519	1-554-303-21	SWITCH, TACTILE	(M3)
S520	1-554-303-21	SWITCH, TACTILE	(M4)
S521	1-554-303-21	SWITCH, TACTILE	(M5)
S522	1-554-303-21	SWITCH, TACTILE	(M6)
S523	1-554-303-21	SWITCH, TACTILE	(M7)
S524	1-554-303-21	SWITCH, TACTILE	(M8)
S525	1-554-303-21	SWITCH, TACTILE	(M9)
S526	1-554-303-21	SWITCH, TACTILE	(M10)
S527	1-554-303-21	SWITCH, TACTILE	(S.10)
S850	1-572-716-11	SWITCH, PUSH	(AC POWER)

< TRANSFORMER >

T8501 ⚠·	1-450-117-11	TRANSFORMER, POWER	(UK)
T8501 ⚠·	1-450-118-11	TRANSFORMER, POWER	(E2/3, EA3, Australian)
T8501 ⚠·	1-450-119-11	TRANSFORMER, POWER	(AEP, IT, GERMANY)

< SWITCH >

VS850 ⚠·	1-572-367-11	SWITCH, VOLTAGE SELECTION	(E2, E3, EA3, Australian)

< CERAMIC >

X201	1-567-818-21	VIBRATOR, CERAMIC	(3.58MHz)
X501	1-577-359-21	VIBRATOR, CERAMIC	(4.19MHz)

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		**********	
19	⚠ 1-575-654-11	CORD, POWER (AEP, GERMANY, IT, EA3)	
19	⚠ 1-575-656-11	CORD, POWER (E2, E3)	
19	⚠ 1-575-669-21	CORD, POWER (UK)	
19	⚠ 1-690-056-11	CORD, POWER (Australian)	
CP901	1-526-751-00	OUTLET, AC (UK)	
CP901	1-526-794-11	OUTLET, AC (NONPOLAR) (1P) (AEP, IT, GERMANY, EA3)	
CP901	1-540-196-11	OUTLET, AC (Australian)	
		**********	
		ACCESSORY & PACKING MATERIAL	
		**********	
	1-559-533-11	CORD, CONNECTION (AEP, GERMANY, UK, IT)	
	1-590-850-11	CORD, WITH CONNECTOR (AEP, GERMANY, UK, IT)	
	3-753-325-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (AEP)	
	3-753-325-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP, GERMAN, IT)	
	3-753-325-51	MANUAL, INSTRUCTION (ENGLISH) (UK)	
*	4-929-563-01	CUSHION	
*	4-945-487-01	INDIVIDUAL CARTON (AEP, GERMANY, UK, IT)	

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

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